NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Stat- warm up

1. We want to test two types of tires, A and B. Specifically, we want to measure the wear on both types after 3 months of normal driving. We have 120 cars available for our experiment.
2. What is the explanatory variable?
3. What are the treatments?
4. What is the response variable?
5. What are the individuals?
6. Design a completely randomized design for this experiment:
7. What are some lurking variables when it comes to the wear of tires?
8. Using one of these lurking variables, design a block design experiment:

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